	INTERNATIONAL SEARCH REPOR	RT	International appl	ication No.	
			PCT/US00/14185	PCT/US00/14185	
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : F16C 29/02 US CL : 384/16 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 384/16, 26, 28, 29, 32					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where ap	propriate, of the	relevant passages	Relevant to claim No.	
A	US 5,098,071 A (UMETSU) 24 March 1992 (24.03.92).			1-3	
A	US 4,729,145 A (EGNER-WALTER et al.) 08 March 1988.			1-3	
A	US 4,323,003 A (CLIPPARD, III) 06 April 1982 (06.04.82).			1-3	
A	US 3,927,871 A (DE BAAN) 23 December 1975 (23.12.75).			1-3	
A	US 3,870,381 A (OVERKOTT) 11 March 1975 (11.03.75).			1-3	
	r documents are listed in the continuation of Box C.		atent family annex.		
Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E cartier application or patent published on or after the international filing date		date a princi "X" docum consid	ter document published after the international filing date or priority to and not in conflict with the application but cited to understand the incipite or theory underlying the invention ocument of particular relevance; the claimed invention cannot be maidered novel or cannot be considered to involve an inventive step hen the document is taken alone		
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" docum	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
O document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed		being obvious to a person skilled in the art "&" document member of the same patent family			
Date of the actual completion of the international search		Date of mailing of the international search report 0.5 SEP 2000			
Name and mailing address of the ISA/US		Authorized officer			
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